MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

FEBRUARY 1953

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

FEBRUARY 1953
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	22:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	58.1	57.7	60.0	58.9	17.0	11.9	14.3	16.4	13.7	14.8
2	62.7	63.0	63.9	63.2	16.9	12.0	14.6	16.9	15.3	15.6
3	65.3	64.6	64.7	64.9	18.0	13.1	15.0	17.8	14.2	15.7
4	62.9	61.7	61.5	62.0	17.4	12.1	14.7	16.9	13.9	15.5
5	59.8	56.1	55.1	57.0	16.4	10.2	13.6	15.8	11.6	13.7
6	59.6	60.7	62.2	60.8	15.1	11.1	14.1	11.2	12.2	12.5
7	63.2	62.3	63.2	62.9	18.7	13.5	14.7	18.6	16.3	16.5
8	63.7	61.4	59.8	61.6	21.0	15.3	15.6	20.0	17.8	17.8
9	54.8	51.0	49.8	51.8	18.6	10.2	18.2	15.0	12.5	15.2
10	54.5	56.7	5.90	56.7	14.5	9.8	12.1	12.2	11.1	11.8
11	62.1	62.7	64.3	63.0	15.1	11.0	13.7	14.6	12.1	13.5
12	65.6	65.1	65.7	65.5	15.5	11.5	12.1	15.3	13.0	13.5
13	67.1	66.1	65.9	66.4	17.0	13.0	13.2	16.7	14.9	14.9
14	65.6	64.9	64.8	65.1	18.6	14.7	14.7	18.3	15.2	16.0
15	65.1	64.1	63.9	64.4	21.9	16.7	16.7	19.9	17.1	17.9
16	61.4	60.3	57.8	59.8	24.5	16.1	20.4	19.4	23.0	20.9
17	62.3	61.0	61.0	61.4	18.3	13.5	16.8	17.5	15.7	16.7
18	57.4	56.1	55.4	56.3	15.5	11.4	14.7	13.6	14.9	14.4
19	59.5	59.6	60.6	59.9	16.7	9.7	14.2	14.3	12.4	13.6
20	59.8	65.4	67.6	64.3	14.5	10.4	13.6	14.4	12.1	13.4
21	68.7	67.6	67.0	67.8	17.2	10.8	13.2	16.1	13.4	14.2
22	65.5	63.0	61.5	63.3	16.5	11.2	13.7	16.1	13.5	14.4
23	57.8	56.8	58.0	57.5	13.5	8.7	13.5	11.8	10.6	12.0
24	59.4	61.2	63.7	61.4	15.7	10.6	13.3	15.1	12.7	13.7
25	65.6	65.8	66.0	65.8	17.5	11.4	13.9	17.2	14.3	15.1
26	64.3	61.7	61.2	62.4	17.5	11.7	13.9	17.2	13.4	14.8
27	61.5	57.8	58.6	59.3	14.2	9.2	13.3	12.2	9.4	11.6
28	57.5	57.3	57.2	57.3	14.4	5.6	12.8	13.1	10.8	12.2
29										
30										
31										
	61.81	61.13	61.41	61.45	17.06	11.66	14.45	15.84	13.82	14.71

Barometer, range for month 768.7 mm. — 749.8 mm.
„ 71-yr. average for month 761.982 mm.
Thermometer, range for month 24.5°C — 5.6°C
„ 71-yr. average for month 14.29°C
Rain total for month 201.68 mm.
„ 71-yrs average for month 157.75 mm.
„ Total, Sept. 1st. to end of month 765.53 mm.
„ 71-yrs. average. Sept. 1st. to end of month 722.30mm.

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Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	11.5	12.6	11.9	12.0	69	68	75	71	8.8	248.0	
2	10.1	12.6	12.5	11.7	63	68	73	68	3.5	497.0	2.29
3	10.1	12.3	11.5	11.3	58	60	70	63	8.5	282.0	
4	9.6	12.6	11.0	11.1	59	68	69	65	3.7	467.0	
5	12.9	13.0	12.8	12.9	85	74	94	84	5.2	1210.0	16.51
6	7.8	11.4	11.0	10.1	51	87	76	71	3.8	581.0	12.96
7	11.0	9.8	10.2	10.3	68	48	57	58	4.7	636.0	0.25
8	8.8	11.5	8.4	9.6	51	49	41	47	4.7	406.0	
9	9.3	13.5	12.3	11.7	45	78	87	70	0.0	1413.0	28.70
10	10.1	10.5	11.8	10.8	70	75	90	78	1.4	935.0	15.49
11	10.1	10.1	11.0	10.4	63	61	79	68	7.0	328.0	10.16
12	12.8	13.5	11.9	12.7	91	79	80	83	2.8	111.0	19.05
13	11.0	13.6	15.0	13.2	74	71	86	77	10.3	156.0	
14	9.6	14.9	13.0	12.5	59	72	74	68	9.0	72.0	
15	11.2	15.8	13.7	13.6	59	68	71	66	7.1	109.0	
16	7.6	13.0	10.3	10.3	31	56	38	42	0.0	497.0	
17	14.2	12.7	13.5	13.5	75	66	75	72	3.5	203.0	
18	14.9	13.8	12.0	13.6	91	90	70	84	0.3	587.0	11.43
19	10.6	11.0	11.9	11.2	64	68	83	72	4.2	734.0	13.97
20	10.1	11.0	9.6	10.2	65	67	69	67	7.8	462.0	26.42
21	8.7	10.2	10.1	9.7	57	55	65	59	8.5	87.0	
22	9.6	10.6	10.1	10.1	59	59	66	61	9.1	132.0	
23	9.6	12.8	10.9	11.1	64	92	85	80	0.6	325.0	15.24
24	9.6	9.6	9.6	9.6	62	57	64	61	9.3	338.0	13.46
25	9.2	10.2	11.5	10.3	57	51	70	59	10.4	290.0	
26	9.6	12.2	11.4	11.1	63	62	74	66	9.2	348.0	
27	10.5	10.5	10.1	10.4	70	74	86	77	3.6	394.0	13.72
28	8.7	9.6	9.6	9.3	58	66	77	67	2.7	744.0	2.03
29											
30											
31											
	10.31	11.96	11.38	11.22	63.6	67.5	72.6	68.0	5.35	449.71	7.20

Height of Barometer above sea level : 33.7 meters.
" " Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	0	0.0	1w	1n	1s	light	D., all day
2	10cu-ni	6cu	10cu-ni	8.7	2s	3sw	3s	,,	
3	0	0	0	0.0	1s	3sw	0	,,	
4	8cist	9cu-st	7cu-st	8.0	1s	2sw	1n	,,	
5	10cu-ni	8cu-ni	10ni	9.3	3sw	5sw	5sw	slight	G., W., Hail., P.M.
6	6cu-ni	10ni	10ni	8.7	5w	2w	2sw	slight	W., a.m.
7	8cu	10cu-st	0	6.0	3sw	3sw	3sw	light	
8	0	10st	10cu-st	6.7	1se	1sw	0	,,	
9	10cu-ni	10cu-ni	10cu-ni	10.0	1sw	6sw	6sw	slight	G., W.P.M.
10	10cu-ni	10cu-ni	10ni	10 0	5sw	6w	3w	rough	W., a.m.
11	10cu-ni	8cu	10st	9.3	4nw	1nw	1sw	moderate	
12	10cu-ni	10cu-ni	0	6.7	1s	1sw	1sw	light	
13	0	0	0	0.0	0	1ne	1ne	,,	D., P.M.
14	0	1ci	5st	2.0	1sw	1n	1ne	,,	D., P.M.
15	10cu	0	0	3.3	0	1n	1e	,,	H., D., P.M.
16	10cu-st	10cu-st	10st	10.0	2e	1e	2e	light	Hot Wind., P.M.
17	10st	10st	10cu-ni	10.0	1sw	3w	2w	,,	H., all day
18	10cu-ni	10ni	10cu-ni	10.0	1n	1se	2sw	,,	
19	9cu-ni	10cu-ni	10ni	9.7	2sw	1nw	2nw	slight	T., at night. Hail.
20	10ni	8cu	0	6.0	5nw	3n	1sw	,,	W., a.m.
21	9cu	8cu-ci	5cu	7.3	2se	2n	0	light	
22	3cu	10ci	10cu	7.7	1se	2n	0	,,	
23	10cu-ni	9cu-ni	0	6.3	2sw	0	1ne	calm	
24	7cu-ni	9cu	10cu	8.7	4nw	2n	1n	sligh	
25	3cu	2cu	7cu	4.0	1e	2sw	1nw	light	
26	0	4ci	6cu	3.3	1s	2w	1s	light	
27	6cu-ni	10ni	10cu-ni	8.7	2n	2nw	1sw	,,	
28	10cu-st	10cu-ni	10cu-ni	10.0	4sw	3sw	1sw	,,	W., a.m.
29									
30									
31									
	mean			6.80					

Abbreviations: G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	2	0	2	3	5	9	2	3	2	28
14:30	7	1	1	1	0	10	4	3	1	28
20:30	2	3	2	0	3	9	3	2	4	28
Total	11	4	5	4	8	28	9	8	7	84

Number of days with rain 15, fog 0, thunderstorms 1, gale 2.
71 yr. av. number of days with rain during month 15.67